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**In re Application of:**

David Y. Kim

Serial No. 10/760,144

Filing Date: January 15, 2004

For PLATFORM AND SYSTEM FOR  
CRYSTAL NUCLEATION AND  
GROWTH

### Examiner To Be Assigned

Group Art Unit No. 1765

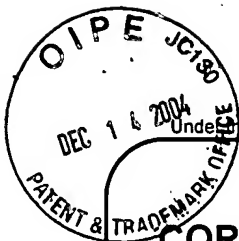
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In accordance with the provisions of 37 C.F.R. § 1.56, Applicants request that citation and examination of the references identified on the attached PTO-1449 form, required copies of which are enclosed herewith in accordance with 37 C.F.R. §1.98, be made during the course of examination of the above-referenced application for United States Letters Patent.

Respectfully submitted,

**Paul E. Rauch, Ph.D.**  
Registration No. 38,591

**Evan Law Group LLC**  
**566 West Adams**  
**Suite 350**  
**Chicago, Illinois 60661**  
**(312) 876-1400**

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Application Number	10/1760,144
Filing Date	January 15, 2004
First Named Inventor	David Y. Kim
Art Unit	1765
Examiner Name	To Be Assigned
Attorney Docket Number	ILL01-010-US

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- ☐ Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_

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Date 10 December 2004

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Form PTO-1449 (Rev. 8-88)	Attorney Docket No. ILL01-010-US	Serial No. 10/760,144
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)	Applicant: David Y. Kim, et al.	
	Filing Date: January 15, 2004	Group: 1765

### U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A1	6,596,081	7/03	Arnowitz, et al.			
	A2	6,406,903	6/02	Bray, et al.			
	A3	5,961,934	10/99	Arnowitz, et al.			
	A4	5,256,241	10/93	Noever			

### FOREIGN PATENT DOCUMENTS

Examiner Initial*		Document Number	Date	Country	Class	Subclasses	Translation	
							Yes	No
	A5	WO2001/088231	11/01	WIPO				

### OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS

Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages

Examiner Initial*	A6	Kanelis, V., J. Forman-Kay, and L. Kay, <i>Multidimensional NMR methods for protein structure determination</i> . IUBMB Life, 2001. 52(6): p. 291-302.
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	A8	Stevens, R., <i>High-throughput protein crystallization</i> . Current Opinion in Structural Biology, 2000. 10(5): p. 558-563.
	A9	Steiner, H. and C. Haass, <i>Intramembrane proteolysis by presenilins</i> . Nature Reviews Molecular Cell Biology, 2000. 1(3): p. 217-224.
	A10	Mark, B., et al., <i>Crystal Structure of Human beta-Hexosaminidase B: Understanding the Molecular Basis of Sandhoff and Tay-Sachs Disease</i> . Journal of Molecular Biology, 2003. 327(5): p. 1093-1109.
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	A12	Pfeifer, B., et al., <i>Biosynthesis of complex polyketides in a metabolically engineering strain of Escherichia coli</i> . Science, 2001. 291: p. 1790-1792.
	A13	Anderson, V.J. and H.N. Lekkerkerker, <i>Insights into phase transition kinetics from colloid science</i> . Nature, 2002. 416: p. 811-815.

Examiner	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

A14	Rosenbaum, D., et al., <i>Protein interactions and phase behavior: Sensitivity to the form of the pair potential</i> . Journal of Chemical Physics, 1999. 111(21): p. 9882-9890.
A15	Collingsworth, P., T. Bray, and G. Christopher, <i>Crystal growth via computer controlled vapor diffusion</i> . Journal of Crystal Growth, 2000. 219(3): p. 283-289.
A16	Krupka, H., et al., <i>The high-speed Hydra-Plus-One system for automated high-throughput protein crystallography</i> . Acta Crystallographica Section D-Biological Crystallography, 2002. 58(Part 10 Special Issue 1): p. 1523-1526.
A17	Walter, T., et al., <i>A procedure for setting up high-throughput nanolitre crystallization experiments. 1. Protocol design and validation</i> . Journal of Applied Crystallography, 2003. 36(Part 2): p. 308-314.
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A26	Shu, Z., et al., <i>In Situ Measurement and Dynamic Control of the Evaporation Rate in Vapor Diffusion Crystallization of Proteins</i> . Journal of Crystal Growth, 1998, 192:282-289.
A27	Saridakis, E., et al., <i>Improving Protein Crystal Quality By Decoupling Nucleation and Growth in Vapor Diffusion</i> . Protein Science, 2000, 9:755-757.
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A29	Bray, T., et al., <i>New Crystallization Systems Envisioned for Microgravity Studies</i> . J. Appl. Cryst. 1998, 31:515-522.
A30	Wibowo, C., et al., <i>Streamlining Crystallization Process Design</i> . CEP Magazine, 2004, pp.30-39.
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